

## G L O S S A R Y

Definitions and explanation of terms used pertaining to balances and scales required in DOTD, AASHTO, and ASTM Designations are as follows:

1. \*Readability: the smallest fraction of a division at which the scale can be read with ease either by estimation or by use of a vernier.
2. Sensibility Reciprocal: the amount of weight required to move the position of the pointer one division. This is a measure of the sensitiveness of a balance.
3. Permissible Variation: the maximum allowable error in the value of the quantity indicated. (It is convenient to express permissible variation in terms of percentage of error.)
4. Percentage of Error: the ratio, expressed as a percentage, of the error to the correct value of the quantity measured.
5. Accuracy: the agreement between the result of a measurement and the true of the quantity measured.
6. Precision: the degree of agreement of repeated measurements of the same quantity.

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\* "Sensitive to", "accurate to" and "capable of weighing to the nearest" are terms presently used in existing procedure. All these terms refer to readability.